Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030216\
Data File : BF085106.D
Acq On : 2 Mar 2016 9:00
Operator : SJ/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
UMANGI
3/3/2016 1:42:46 PM

Quant Time: Mar 03 02:19:04 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 02 13:25:39 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.99	152	189533	20.00	ng		0.00
21) Naphthalene-d8	8.27	136	749966	20.00	ng		0.00
38) Acenaphthene-d10	10.03	164	372492	20.00	ng		0.00
63) Phenanthrene-d10	11.52	188	685798	20.00	ng		0.00
75) Chrysene-d12	14.16	240	554271	20.00	ng		0.00
86) Perylene-d12	15.62	264	444382	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	936596	80.22	ng		0.00
7) Phenol-d6	6.60	99	1204095	78.67	ng		-0.01
23) Nitrobenzene-d5	7.55	82	1115758	79.15	ng		-0.01
41) 2,4,6-Tribromophenol	10.82	330	345279	92.24	ng		0.00
44) 2-Fluorobiphenyl	9.35	172	1845201	72.96	ng		-0.01
78) Terphenyl-d14	13.10	244	1695518	71.76	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.70	88	229772	39.71	ng		99
3) Pyridine	3.47	79	601102	40.48	ng		99
4) n-Nitrosodimethylamine	3.42	42	268912	39.80	ng		98
6) Aniline	6.65	93	838157	38.59	ng		97
8) 2-Chlorophenol	6.78	128	556915	41.39	ng		89
9) Benzaldehyde	6.54	77	318278	43.75	ng		97
10) Phenol	6.62	94	663122	38.73	ng		93
11) bis(2-Chloroethyl)ether	6.72	93	482408	35.54	ng		92
12) 1,3-Dichlorobenzene	7.16	146	573483	39.68	ng		100
13) 1,4-Dichlorobenzene	7.00	146	567080	38.49	ng		97
14) 1,2-Dichlorobenzene	7.16	146	573503	44.22	ng		96
15) Benzyl Alcohol	7.13	79	477785	42.83	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.27	45	775453	38.76	ng		100
17) 2-Methylphenol	7.23	107	438542	38.90	ng		98
18) Hexachloroethane	7.51	117	226201	41.54	ng		95
19) n-Nitroso-di-n-propylamine	7.40	70	410822	40.73	ng		96
20) 3+4-Methylphenols	7.39	107	592898	44.00	ng	#	81
22) Acetophenone	7.40	105	799772	42.39	ng	#	90
24) Nitrobenzene	7.58	77	661239	45.22	ng	#	89
25) Isophorone	7.82	82	1108711	41.12	ng		96
26) 2-Nitrophenol	7.88	139	241184	36.89	ng	#	66
27) 2,4-Dimethylphenol	7.92	122	488668	38.56	ng		92
28) bis(2-Chloroethoxy)methane	8.02	93	664366	44.68	ng		100
29) 2,4-Dichlorophenol	8.12	162	427000	40.95	ng		97
30) 1,2,4-Trichlorobenzene	8.22	180	471975	41.52	ng		98
31) Naphthalene	8.30	128	1445321	38.11	ng		100
32) Benzoic acid	8.01	122	158006	28.35	ng		98
33) 4-Chloroaniline	8.34	127	653974	43.62	ng		96
34) Hexachlorobutadiene	8.42	225	273284	41.45	ng		98
35) Caprolactam	8.71	113	130073	39.75	ng		98
36) 4-Chloro-3-methylphenol	8.82	107	487068	42.25	ng	#	81
37) 2-Methylnaphthalene	8.99	142	982436	42.38	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.15	216	419707	36.59	ng		99
40) Hexachlorocyclopentadiene	9.14	237	252579	38.67	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.27	196	306886	39.73	ng		99
43) 2,4,5-Trichlorophenol	9.30	196	315970	42.69	ng	#	90
45) 1,1'-Biphenyl	9.45	154	1162272	35.15	ng		95
46) 2-Chloronaphthalene	9.47	162	921348	38.20	ng		94
47) 2-Nitroaniline	9.56	65	269519	35.60	ng	#	72
48) Acenaphthylene	9.90	152	1515883	42.30	ng		99
49) Dimethylphthalate	9.75	163	1009336	36.55	ng		99
50) 2,6-Dinitrotoluene	9.82	165	235284	41.08	ng	#	64
51) Acenaphthene	10.07	154	953460	42.37	ng		99
52) 3-Nitroaniline	9.98	138	246426	36.22	ng		85
53) 2,4-Dinitrophenol	10.08	184	76805	41.60	ng	#	5
54) Dibenzofuran	10.24	168	1254440	42.94	ng		95
55) 4-Nitrophenol	10.12	139	226411	43.37	ng	#	67
56) 2,4-Dinitrotoluene	10.22	165	335586	43.49	ng	#	64
57) Fluorene	10.58	166	1009800	43.96	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.35	232	251577	44.87	ng		95
59) Diethylphthalate	10.44	149	1028463	38.86	ng		96
60) 4-Chlorophenyl-phenylether	10.57	204	482266	40.73	ng		96
61) 4-Nitroaniline	10.59	138	281369	44.12	ng		89
62) Azobenzene	10.73	77	1043271	39.01	ng		97
64) 4,6-Dinitro-2-methylphenol	10.62	198	136136	35.28	ng	#	63
65) n-Nitrosodiphenylamine	10.68	169	782696	36.21	ng		100
66) 4-Bromophenyl-phenylether	11.06	248	314305	43.65	ng		92
67) Hexachlorobenzene	11.13	284	349265	42.97	ng	#	89
68) Atrazine	11.21	200	252670	38.32	ng		99
69) Pentachlorophenol	11.31	266	198707	41.66	ng		100
70) Phenanthrene	11.54	178	1442656	42.29	ng		99
71) Anthracene	11.59	178	1429640	37.32	ng		99
72) Carbazole	11.75	167	1388310	41.64	ng		97
73) Di-n-butylphthalate	12.08	149	1604129	40.43	ng		99
74) Fluoranthene	12.73	202	1601750	42.78	ng		96
76) Benzidine	12.84	184	678703	40.50	ng		99
77) Pyrene	12.96	202	1621251	42.85	ng		99
79) Butylbenzylphthalate	13.57	149	634523	39.60	ng	#	61
80) Benzo(a)anthracene	14.14	228	1304883	40.55	ng		100
81) 3,3'-Dichlorobenzidine	14.10	252	459663	45.70	ng	#	97
82) Chrysene	14.18	228	1375396	46.80	ng		99
83) Bis(2-ethylhexyl)phthalate	14.13	149	818291	44.23	ng		99
84) Di-n-octyl phthalate	14.74	149	1212378	44.15	ng		100
85) Indeno(1,2,3-cd)pyrene	17.11	276	965863	38.87	ng		99
87) Benzo(b)fluoranthene	15.19	252	1165343	43.07	ng	#	96
88) Benzo(k)fluoranthene	15.22	252	907088m	38.70	ng		
89) Benzo(a)pyrene	15.57	252	939947	41.30	ng		98
90) Dibenzo(a,h)anthracene	17.12	278	816684	39.84	ng		98
91) Benzo(g,h,i)perylene	17.55	276	806240	38.69	ng		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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